
* INDIANA SINCLAIR-TIMEX NEWSLETTER *

May-June 1990

Editor-Frank Davis
Assist - M. Felerski

This issue....

Next meetings -- June, July and August
Report on the Sinclair Expo! by Frank Davis
Hints and Tips on Sinclairs by Eliad P. Wannum
The Map to the June ISTUG Picnic by Carol Davis
Computerfest in Dayton, Ohio (AD)
ISTUG News You Can Use by Mike Felerski
TS2068 Desktop Publishing Survey by Mike Felerski
Programs for SMUG's Video Digitizer (AD)

I.S.T.U.G. MEETING

The meeting for June is to be held at Frank and Carol Davis's new country place out on RR4, Peru, Indiana. This is not the farm many of you have heard about, but a new building site; for at present, a guest house and all around place to get away from the city. This will be a combined family picnic and June meeting. The main meat courses will be provided along with salad. All are encouraged to bring a favorite dish, dessert or baked goods. Table settings will be provided. Feel free to bring both family or a guest as this is to be both an educational and fun day (perhaps the two can be combined?). The event will start at 1:30 PM, but come a little early if you wish and lend a hand. Construction is not finished yet on the new guest house. Directions are as follows. From US 31 going North, take the Peru exit on Business 31. Just prior to the bridge, turn left onto a country road and go about 4 miles. The road will turn into a gravel road...about 1/4 mile and you will see a chain link fence on your left. Pull into the drive and you are there. For additional directions call me at 317-473-8031, but call before Saturday, June 30th, as we will be out in the country and there is no phone as of yet.

The July meeting will be held on July 28th, 1:30 PM at the Eagledale Public Library. For those who need directions call Paul Holmgren at 317-291-6002 or Frank Davis at 317-473-8031.

The August meeting will also be held at the Eagledale Public library at 1:30 PM on August 25th. See you there!

REPORT ON THE SINCLAIR EXPO IN MILWAUKEE

Carol and I had a rather hectic and traffic filled drive past Chicago to get to the Sinclair EXPO, put on by SMUG. We got there and with the help of Bill Angel got our station wagon unloaded. After hurriedly changing clothes we barely got to the banquet at the starting time. We were pleased to see so many familiar faces, after all many of these people have made it to all of the Sinclair Fests in the past, from Cincinnati, to Indy, to Cleveland, to Wash. D.C., and to Florida and the Great Northwest Shows! The people at SMUG were so right to call this a family reunion. Many thanks to Neal, Bill, Dick and the rest of this fine users group. Sinclair users make good friends.

The banquet offered variety to eat and was done in a timely manner by the hotel. And...of course we had pleasant company for the banquet (actually the entire show, I met no Sinclair user that I feel the need to complain about).

Carol and I picked up some really nice t-shirts, mementos of the Sinclair Expo, which was truly a "family reunion". There were seminars on Forth, Robotics, Modems, Computer Intelligence, Quill-how to use it, Archive Program DBADDRES and Desk Top Publishing. The one on desk top publishing was done by Mike Felerski and Frank Davis covering the TS2068 and the QL.

There were some vendors that apparently felt they had no need to attend the show for some reason or other. I wish they had been there, but those who did make it had a profitable time. Among those who were there were as follows: EMSOFT (Peter Hale of Boston), MECHANICAL AFFINITY (Frank Davis and Paul Holmgren of Indiana), WOOD AND WIND COMPUTING (Bill Cable of New Hampshire), ZEBRA SYSTEMS INC. (manned by members of SMUG), Mike Hammer doing Sinclair repairs and offering refurbished TS2068s, and the following user groups...CATS, CATUG, DMA, GCSUG, ISTUG, SMUG, SNUG. There were a number of people doing a flea market of used hardware and software. Eric Johnson, who would have been offering refurbished TS1500s and TS2068s and repair parts, had major auto trouble part way there and did not show. Paul Holmgren, the QUANTA librarian was selling library disks. Al Feng of Platypus Software was demoing his software (which is quite good and worth the price) and Bob Swoger was offering Logically, a must for Larken users. There is talk of doing the next show in Chicago. If that is true, perhaps ISTUG and SMUG can help out as co-sponsors and make it a really big show.

HINTS AND TIPS ON SINCLAIRS by E.P. Wannum

For those just getting familiar with the QL I offer the two following bits of advice for you to try. Once you are familiar with them you will be ready to use them and have fun. To the degree that you make progress at a hobby it will remain fun.

(1) Screen saving on the QL is easy, but uses 32K of storage on disk or mdv to do so. The screen starts at memory address \$20000 (131072) and finishes at \$27FFF (163839). The easiest way to save to MDV is to have the command SBYTES mdv1_picture, 131072, 32768 in your screen design program. To get back (load) the picture you execute the statement LBYTES mdv1_picture, 131072. The name "picture" is used only as an example and can be any name that you wish. What is a SCREEN? When you look at a picture on your monitor, from top to bottom, and left to right, then you are looking at a screen.

(2) The DIR command will take a channel number assigned to it, such as Dir#2, MDV1_file. This will list the directory information of the MDV on channel two. The DIR command is similar to the CAT (catalog) command that TS2068 Oliger users are use to. You can use this to compare two directories that are fairly long by listing on different channels, rather than the first listing being displaced by the second. Then you can do a look-see and check for any differences.

ISTUG PICNIC NOTE

Soft drinks and water will be provided by the hosts at the picnic, but feel free to bring any other drinks as you desire. And just a reminder to any other Sinclair user who is not a member of ISTUG, you are also invited to attend.

N

PERU

Wabash →

E

W

Cod. Line

(gravel)

(paved)

$\frac{1}{4}$ mi.

chain link fence

go 4 miles

Rd 150 S.

McDonalds
K-Mart

Krogers

Highway 31

Main St.

U.S. 24

Wabash
River



green bridge

Highway 31

Business 31

1STUG
PICNIC
6-30-90
1:30 PM

U.S. 31

Kokomo



S

DAYTON MICROCOMPUTER ASSOCIATION INC. PRESENTS...

Computerfest '90

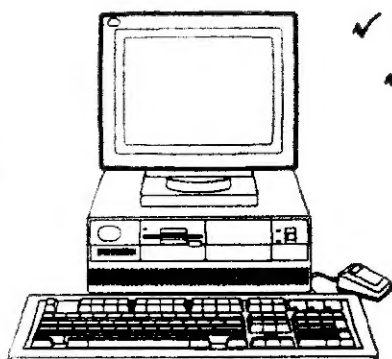
Dayton, Ohio

August 25 - 26

15th Annual Computer and Electronic Convention and Flea Market

Computers User groups Paper Disks Parts Books Software Disk drives Demonstrations

Computerfest '90 brings you...



- ✓ Hundreds of flea market vendors
- ✓ Dozens of professional vendors
- ✓ Dealers from around the country
- ✓ Speakers and seminars
- ✓ Products and demonstrations
- ✓ User group and club displays
- ✓ Hourly door prize drawings*
* (You must be present to win)

Grand Prizes:

2 PC/AT compatible computer systems

All activities take place INDOORS at

Hara Conference & Exhibition Center
1001 Shiloh Springs Road
Dayton, Ohio
Acres of FREE parking!

Admission is \$3.00 each day.

Children under 12 free when
accompanied by an adult.

Tickets

are available at the following locations:

SANDBOX MICROSYSTEMS	Fairborn, Ohio
MENDELSONS	Dayton, Ohio
COMPUADD	Centerville, Ohio
ABBY'S SOFTWARE	Fairborn, Ohio
DIRECT MICRO	Columbus, Ohio

Call (513) 263-FEST for more information

Call our BBS at (513) 293-1754 for Computerfest '90 updates - 300/1200/2400, 8, 1, none

Computerfest is a trademark of Dayton Microcomputer Association, Inc.

New equipment Keyboards Joysticks Printers Modems Power supplies Cables Manuals

Used equipment Systems Monitors Diskettes Seminars Prizes Software Disk drives



Z88 NEW OPTIONS-NEW ADVERTISING

By Mike Felerski

ANY PERSON IN THE COMPUTER FIELD WHO WORKS WITH DIGITAL EQUIPMENT CORPORATION COMPUTER SYSTEMS MOST LIKELY RECEIVES A MAGAZINE CALLED **DEC PROFESSIONAL**. IN THE MARCH ISSUE ON THE FIRST PAGE AFTER THE COVER PAGE IS AN ADVERTISEMENT FROM **CAMBRIDGE NORTH AMERICA** FOR THE Z88 PORTABLE COMPUTER. WHAT IS A Z88

ADVERTISEMENT DOING IN A MAGAZINE DEDICATED TO PDPs AND VAXs? THE KEY TO THE AD IS THAT THE Z88 NOW HAS VT100, 220 & 320 TERMINAL EMULATION SOFTWARE. THIS COULD OPEN A TREMENDOUS MARKET FOR THE Z88. THE REASON IS THAT VT100 IS A BASELINE STANDARD FOR DISPLAYING TEXT AND LIMITED GRAPHICS ON A SCREEN. ALONG WITH THIS, IT IS IMPORTANT TO KNOW THAT THE LATEST MODELS OF DIGITAL TERMINALS (I.E. VT220 AND VT320) ARE ALL DOWN-HARD COMPATIBLE AND EMULATE THE VT100 STANDARD. LAST YEAR DIGITAL EQUIPMENT CORPORATION REPORTEDLY SOLD OVER ONE HALF MILLION VT320 TERMINALS AND EXPECT TO SELL MORE THIS YEAR. SO, Z88 OWNERS DO NOT DISPAIRE, AND PROSPECTIVE Z88 BUYERS, NOW THERE IS EVEN MORE REASON TO PURCHASE THAT Z88 YOU HAVE ALWAYS WANTED!



ROMANTIC ROBOT UK LTD'S MAGNIFICENT SEVEN RETURNS

THE ROMANTIC ROBOT COMPANY CONTINUES TO SELL IT'S MAGNIFICENT SEVEN HARDWARE AND SOFTWARE PRODUCTS. ALL OF THE PRODUCTS ARE SPECTRUM COMPATIBLE AND CAN BE PURCHASED FROM ROMANTIC ROBOT WITH YOUR VISA CARD. RR WANTS TO LET PEOPLE TO KNOW THAT THEY ARE STILL IN BUSINESS AND THEIR ADVERTISEMENTS CAN BE FOUND IN SINCLAIR USER MAGAZINE. THE MAGNIFICENT SEVEN INCLUDES THE MULTIFACE ONE, MULTIFACE 128, MULTIFACE 3, MULTIPRINT, LIFEGUARD, MUSIC TYPEWRITER AND VIDEOFACE DIGITIZER.

THE MULTIFACE ONE/128/3 IS A HARDWARE DEVICE THAT ALLOWS THE USER TO HALT AND SAVE ANY PROGRAM TO TAPE, WAFADRIIVE OR DISK DEPENDING ON THE MODEL PURCHASED. ALL THREE MODELS WILL SAVE TO TAPE, THE MULTIFACE ONE WILL SAVE TO THE ROTRONICS WAFADRIIVE, AND THE MULTIFACE 3 SAVES TO THE SINCLAIR DISK SYSTEM. MICRODRIVES AND BETA DRIVES ARE ALSO SUPPORTED WITH THE MULTIFACE ONE AND 128.

VIDEOFACE IS A VIDEO DIGITIZER THAT WORKS WITH A COMPOSITE VIDEO SIGNAL FROM VIDEO CAMERA OR VCR. VIDEOFACE IS A HARDWARE DEVICE THAT INCLUDES FAST MENU DRIVEN SUPPORT SOFTWARE. MULTIPRINT IS A MENU DRIVEN, PROGRAMMABLE, PRINTER INTERFACE THAT INCLUDES ITS OWN 8K ROM AND 8K RAM, CENTRONICS CABLE AND FREEZE BUTTON. EVER WANTED TO FIND OUT WHERE A GAME PROGRAM STORES ITS "LIVES"? WELL, THE LIFEGUARD SOFTWARE PACKAGE USED WITH ANY MODEL MULTIFACE ALLOWS THE USER TO GIVE HIM/HERSELF INFINITE "LIVES". THE MUSIC TYPEWRITER, AS IT SOUNDS IS A BASIC MUSIC MAKER PROGRAM. WAFADRIIVE OWNERS: THESE ARE ITEMS YOU CAN'T DO WITHOUT!



THE ULTIMATE MIDI PACKAGE FOR THE SINCLAIR SPECTRUM

LOOKING FOR THE BEST MIDI (MUSICAL INSTRUMENT DIGITAL INTERFACE) FOR YOUR SINCLAIR SPECTRUM? NOW YOU CAN END YOUR SEARCH WITH THE DATEL ELECTRONICS LTD. MUSIC MACHINE HARDWARE/SOFTWARE PACKAGE. THE PACKAGE WAS CREATED BY RAM ELECTRONICS AND INCLUDES THE FOLLOWING FEATURES:

FULL SOUND SAMPLING SYSTEM INCLUDING MICROPHONE--STORES SOUNDS IN RAM FOR REPLAY WITH VARYING EFFECTS.

ECHO CHAMBER AND DIGITAL DELAY.

MUSIC MACHINE CAN BE USED AS A DRUM MACHINE--EIGHT DRUM SOUNDS PROVIDED.

SUPPORTS MIDI IN, MIDI OUT & MIDI THRU. OUTPUT THROUGH YOUR STEREO OR HEADPHONES.

ON SCREEN SOUND EDITOR CAN PRODUCE MIDI DATA FROM YOUR OWN COMPOSITIONS.

FOR MORE INFORMATION WRITE DATEL OR LOOK FOR THEIR FULL COLOR AD IN SINCLAIR USER MAGAZINE. AND AS A BONUS DATEL ACCEPTS VISA!

ADDRESSES

Of Companies Mentioned Within

<NEWS YOU CAN USE>

CAMBRIDGE NORTH AMERICA
4 MILK STREET
PORTLAND, MAINE 04101
(800) 888-3723

ROMANTIC ROBOT UK LTD.
54 DEANS CROFT
LONDON, NW9 8EN
(01) 200-8870

DATEL ELECTRONICS LTD.
FENTON INDUSTRIAL ESTATE
GOVAN ROAD, FENTON,
STOKE-ON-TRENT, ENGLAND
(SALES PHONE: 0782 744707)

DESKTOP PUBLISHING SURVEY

	PIXEL PRINT 4.X	PIXEL PRINT 6.0	PRINT FACTORY 1ST ED/PRESS	WORD-MASTER FULL PKG.
Machine or OS	2068	2068	2068/Spec.	Spec.
Disk I/O	By User	By User	By User	By Dealer
Printer I/O	By User	By User	w/in Program	By Dealer
Aerco Compatible	✓	✓	✓	✓
64 Column Display	NO	NO	Windowed	✓
What You See is What You Get	✓	✓	✓	NO
Works w/Entire 8 1/2 x 11" Page	Half Page at a time	✓	✓	✓
Loadable Fonts	✓	✓	✓	✓*
8 Point	✓	✓	✓	✓*
16 Point	✓	✓	✓	✓*
Loads Zebra Icons	✓	✓	Translated	NO
Loads SCREEN\$s	✓	✓	PRESS Only	✓
Resizes SCREEN\$s	NO	NO	PRESS Only	✓
Word Processor/ Text Editing	Via Tasword	Via Tasword and MScript	NO	Via Word-Master
SCREEN\$ Editor	NO	Overlay	Companion Prg	Extention
Page Formator	NO	✓	NO	✓
Block Functions: Cut, Paste, Move, Delete	✓	✓	NO	✓
Memory Usage	Almost All some left for I/O	All, plus a 32K extant, or RAM Disk	Almost all, some left for I/O	All, due to memory management

* WORD-MASTER COMES WITH IT'S OWN FONTS AND FONT PACKAGES. IT WILL NOT LOAD THE STANDARD 8 POINT FONTS FOUND IN PIXEL PRINT OR THE PRINT FACTORY.

ADDRESSES:

PIXEL PRINT 5.0
LENKE SOFTWARE DESIGN
2114 WHITE OAK
WICHITA, KS 67207

THE PRINT FACTORY
BYTE POWER MAGAZINE
1748 MEADOWVIEW AVE
PICKERING, ONT L1V 3G8
CANADA

WORD-MASTER
C/O JACK DOHANY
390 RUTHERFORD
REDWOOD CITY, CA 94061

Interested in Desktop Publishing?

Would you like more information about the fascinating world of Timex and Sinclair Desktop Publishing?

The Sinclair Desktop Publishing Journal is a QUARTERLY NEWSLETTER PUBLISHED AND DISTRIBUTED THROUGH UPDATE Computer Systems MAGAZINE. ALL AND ANY DESKTOP PUBLISHING, WORD PROCESSING OR GRAPHICS PROGRAM FOR THE TS2068 AND SINCLAIR SPECTRUM COMPUTERS ARE DISCUSSED, REVIEWED AND EXAMPLIFIED WITH IN THE JOURNAL.

FOR MORE INFORMATION ON The Sinclair Desktop Publishing Journal and UPDATE Computer Systems WRITE TO:

UPDATE COMPUTER SYSTEMS
P.O. Box 1095
PERU, IN 46970

And PLEASE enclose a Self Addressed Stamped Envelope for your response. Thank you.

VIDEOTEX

- > Written for use with the S.M.U.G. Video Digitizer.
- > Capture and display thirteen different full-screen greyscale shadings of a digitized video image.
- > Greyscaled images can be inverted, horiz. flipped, filtered, and saved for use with drawing programs.
- > Special "overlay" option allows for even more creative possibilities and special effects.
- > Complete User Notes plus information relating to customizing VIDEOTEX for other storage media and full-sized printers is included.



Above greyscales
made w/VIDEOTEX.

VIDEO 3-D

- > Generates 3-D representations of digitized video images saved as master video files with VIDEOTEX.
- > Normal and "inverted" 3-D effects are possible.
- > Four selectable Z-axis "depths".
- > A 3-D representation can be auto-colored with either of two color palettes.
- > A 3-D representation can be inverted, horizontally flipped, and saved for use with drawing programs.
- > Complete User Notes plus information relating to customizing VIDEO 3-D for use with other storage media and full-sized printers is included.



normal 3-D

Made with VIDEO 3-D

inverted 3-D



VIDEOCOPY

- > For hardcopying digitized video images saved as master video files with VIDEOTEX to an OKIMATE 20 printer (using an IBM parallel Plug 'n Print cart.). Not for use with other color printers or other OKIMATE 20 Plug 'n Print cartridges.
- > Both black & white and hi-res auto-colored hardcopies are supported.
- > 13 different full-screen greyscalings can be viewed, inverted, and horizontally flipped before hardcopying.
- > Automatically colorized digitized video images can be copied.
- > A "Color Editor" is available for user-assigned "colorizing".
- > Complete User Notes plus information relating to customizing VIDEOCOPY for use with other storage media is included.

NAME: _____

ADDRESS: _____

CITY/STATE/ZIP: _____

QUANTITY	SOFTWARE TITLE	PRICE EACH	TOTAL
	VIDEOTEX	\$9.95 ppd	
	VIDEO 3-D	\$9.95 ppd	
	VIDEOCOPY	\$9.95 ppd	

(Pre-paid orders only please.) TOTAL ENCLOSED>>>

SEND ALL ORDERS/INQUIRIES TO:
John McMichael, 1710 Palmer Dr., Laramie, WY 82070

I. S. T. U. G.
513 EAST MAIN STREET
PERU, IN 46970



Address correction requested:

W.

a 52404

ISTUG is a not for profit, educational organization dedicated to helping users of Timex, Sinclair and Cambridge computers. We offer a hardcopy and software library for our membership along with technical assistance and monthly meetings (usually the last Saturday of the month at 1:30 P.M.). Full membership is available at \$12 per year and newsletter only subscriptions at \$9 per year. Send all inquiries, along with SASE, to ISTUG, 513 E. Main St., Peru, IN, 46970.

RENEWED
* Membership expired
Please renew and